

U. S. DEPARTMENT OF COMMERCE
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Complete if Known

Application Number	Not yet known
Filing Date	June 19, 2006
First Named Inventor	Svante Signell
Art Unit	Not yet known
Examiner Name	Not yet known
Attorney Docket Number	P20144-US1

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U. S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document Number (Number-Kind-Code)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	AA	US 637758 B1	04-23-2002	Dent

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Y/N

NONPATENT LITERATURE DOCUMENT

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	AB	KYRITSI, P. "MIMO capacity in free space and above perfect ground: theory and experimental results" In: THE 13 th IEEE INTERNATIONAL SYMPOSIUM ON PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS, 2002. 15-18 Sept 2002, Vol. 1, pages 182-186, INSPEC AN 7690963 see Chapter II and IV and Abstract, Introduction and Figures 1-2	
	AC	DRIESSEN, P.F. et al. "On the capacity formula for multiple input multiple output wireless channels: a geometric interpretation" In: 1999 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, 1999. ICC '99. Vancouver, BC, Canada, 6-10 June 1999, Vol. 3, pages 1603-1607, INSPEC AN: 6460567, see Chapter II/A. Line-of-sight channels and Chapter I	
	AD	HUTTER, A.A et al. "Analysis of MIMO capacity gains for indoor propagation channels with LOS component" In: The 13 th IEEE INTERNATIONAL SYMPOSIUM ON PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS, 2002. 15-18 Sept 2002, Vol. 3, pages 1337-1341-INSPEC AN: 7678098 see Abstract and Chapter III and Figures 2,3	
	AE	3 rd AusCTW, Feb. 4-5, 2002 Ying Tan et al: "Spatial Characterization of Indoor Radio Channel Measurements at 2.5 GHZ" see Chapter III, Chapter I, Abstract and Figures 7.8 and Tables 1-4	
	AF	STURZEBECKER, D et al. "MMIC antenna front end for optically distributed MMW antennas" In: IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST, 1995, Orlando, FL, USA, 16-20 May 1995, Vol 3, pages 1107-1110, INSPEC AN: 5016593, see Introduction and Abstract	

Examiner Signature		Date Considered	
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